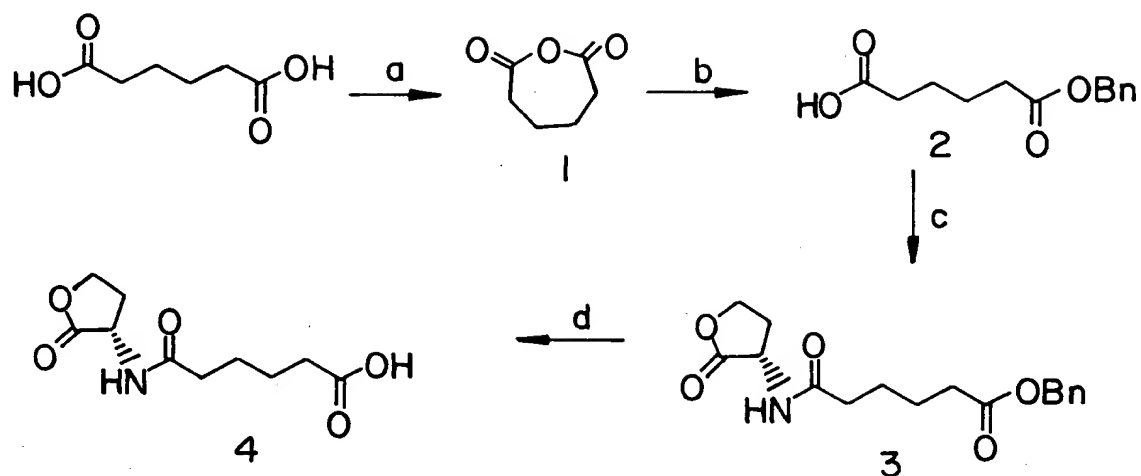


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Scheme 1[†]



- [†] a. Ac_2O , reflux
b. $\text{C}_6\text{H}_5\text{CH}_2\text{OH}/\text{CH}_2\text{Cl}_2$
c. homoserine lactone hydrobromide, EDC, HCl, CH_2Cl_2 , pyridine
d. Pd/C, H_2 , EtOAc

FIG. 1.

d. $(\text{COCl})_2$, toluene

h. Pd/C (10%), H₂

FIG. 2.



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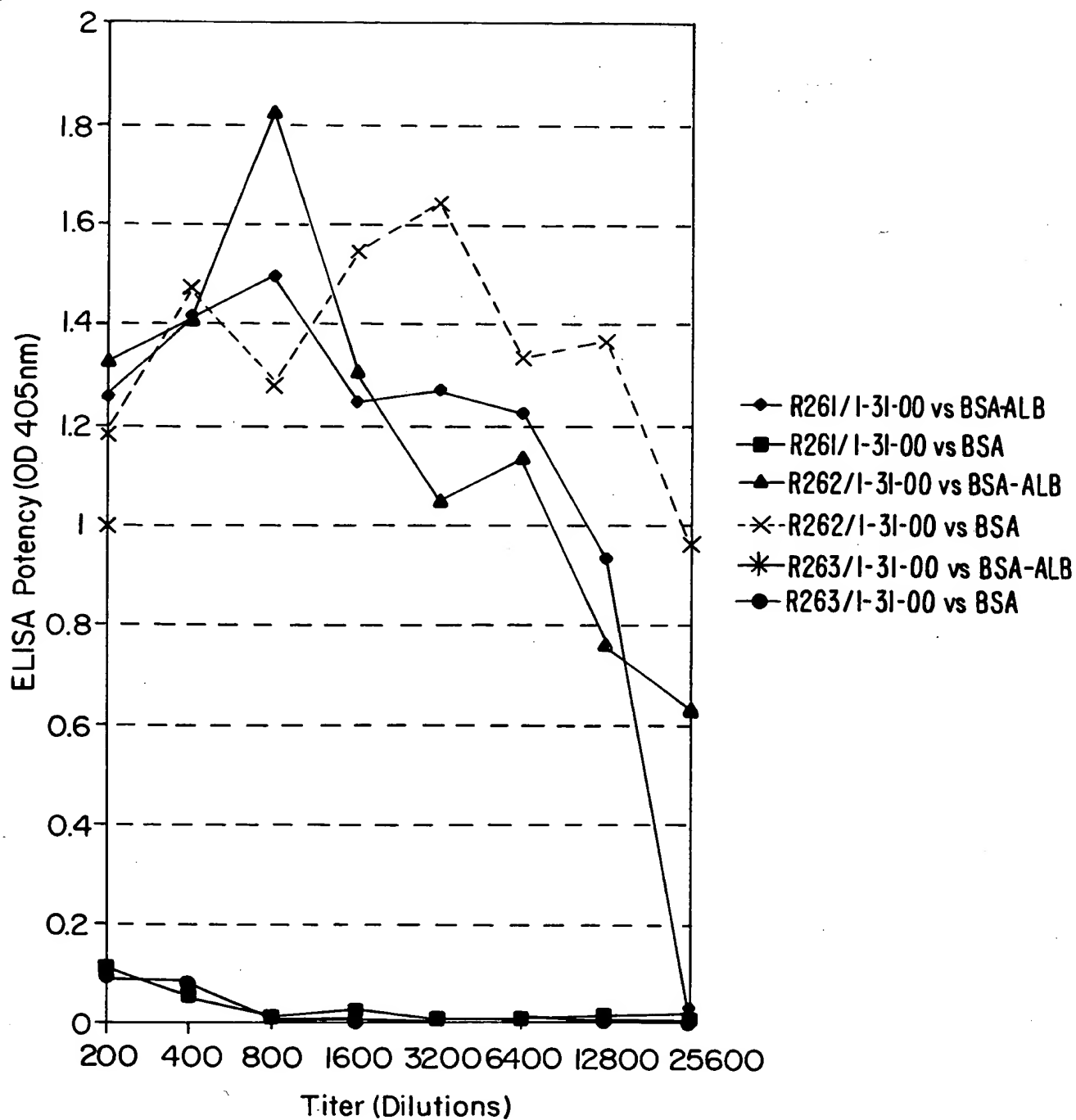


FIG. 3.

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